SUMMARY OF WATER CONDITIONS
April 1, 2009

The month of March saw some improvement in water supply in the north but not nearly enough rain or snow to end the drought or refill many reservoirs. Southern California was extremely dry for the month, and the latter half saw quite a bit of drying northerly winds in northern and central California. The wet season is practically over so hopes of a normal year for 2009 are slim.

Forecasts of April through July runoff are nearly 80 percent of average statewide, with the best percentages in the middle Sierra. Water year forecasts are lower at 70 percent, primarily as a result of the deficit in winter months precipitation.

Snowpack water content is about 85 percent of average compared to 100 percent last year. April 1 is typically the date of maximum accumulation; it appears that the peak this year was about a week before the end of March.

Precipitation from October through March was about 80 percent of average compared to 90 percent last year. The best percentages are in the San Francisco Bay and southeastern California regions, but there were no extreme regional variations in seasonal precipitation. March precipitation was also about 80 percent of average, better than the 20 percent last year during March.

Runoff has been about 55 percent of average statewide so far this season, about the same as last year. March runoff was almost normal at 95 percent. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions during March was 3.6 million acre-feet.

Reservoir storage gained about 3.7 million acre-feet during March, a pace over twice normal, and now stands a bit over 80 percent of average for the date and just slightly behind last year, which was 85 percent. Total storage is about 60 percent of capacity.

SUMMARY OF WATER CONDITIONS
IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	April 1 SNOW WATER CONTENT	April 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	70	70	65	45	70	60
SAN FRANCISCO BAY	95	--	95	35	--	--
CENTRAL COAST	80	--	80	35	--	--
SOUTH COAST	70	--	90	45	--	--
SACRAMENTO RIVER	85	80	85	65	85	80
SAN JOAQUIN RIVER	90	90	85	75	85	80
TULARE LAKE	80	80	75	65	70	70
NORTH LAHONTAN	75	85	40	65	80	75
SOUTH LAHONTAN	95	75	95	80	75	75
COLORADO RIVER-DESERT	90	--	--	--	--	--
STATEWIDE	80	85	80	55	80	70

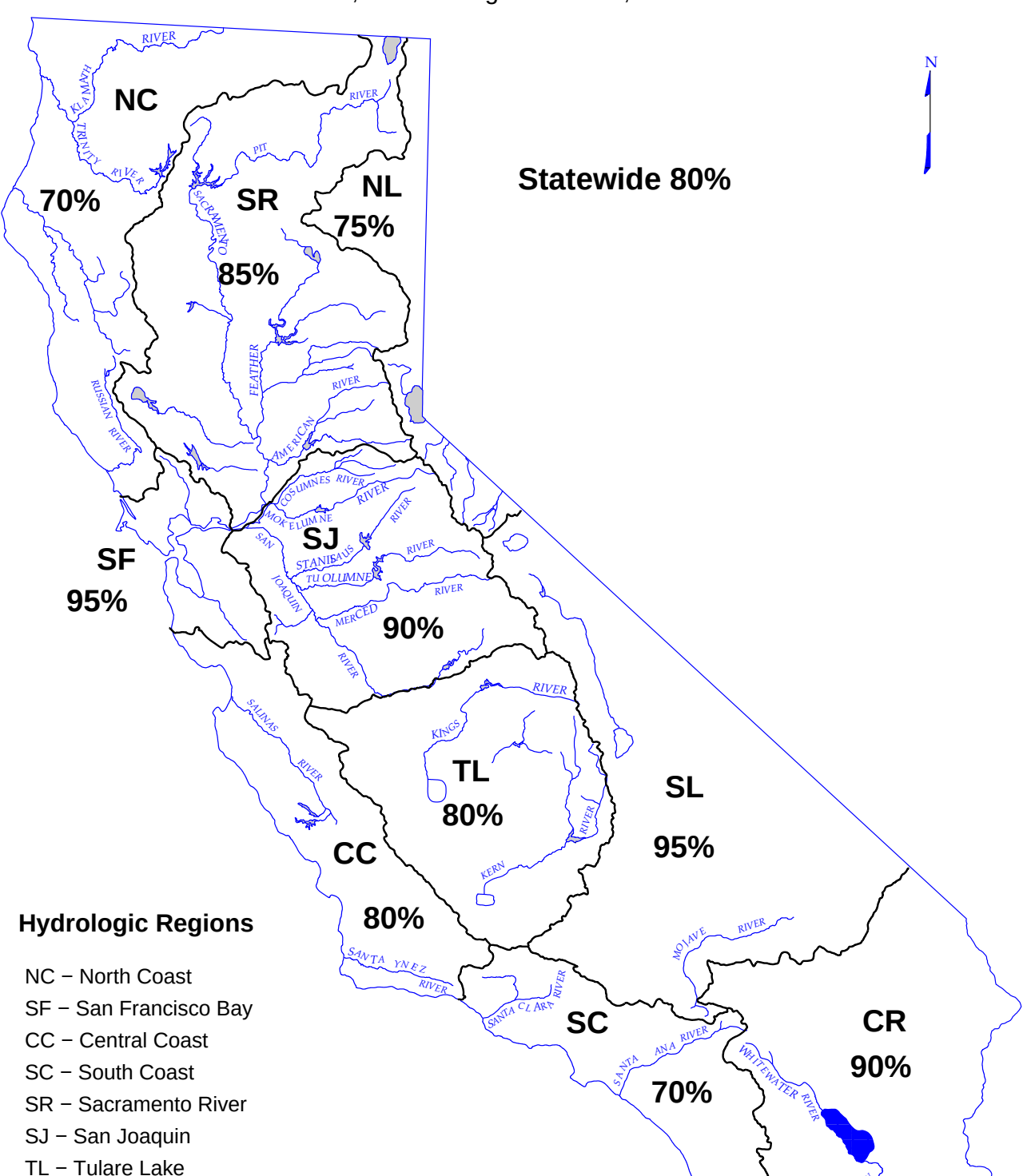
DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE

October 1, 2008 through March 31, 2009



Hydrologic Regions

NC − North Coast
SF − San Francisco Bay
CC − Central Coast
SC − South Coast
SR − Sacramento River
SJ − San Joaquin
TL − Tulare Lake
NL − North Lahontan
SL − South Lahontan
CR − Colorado River−Desert

WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 3

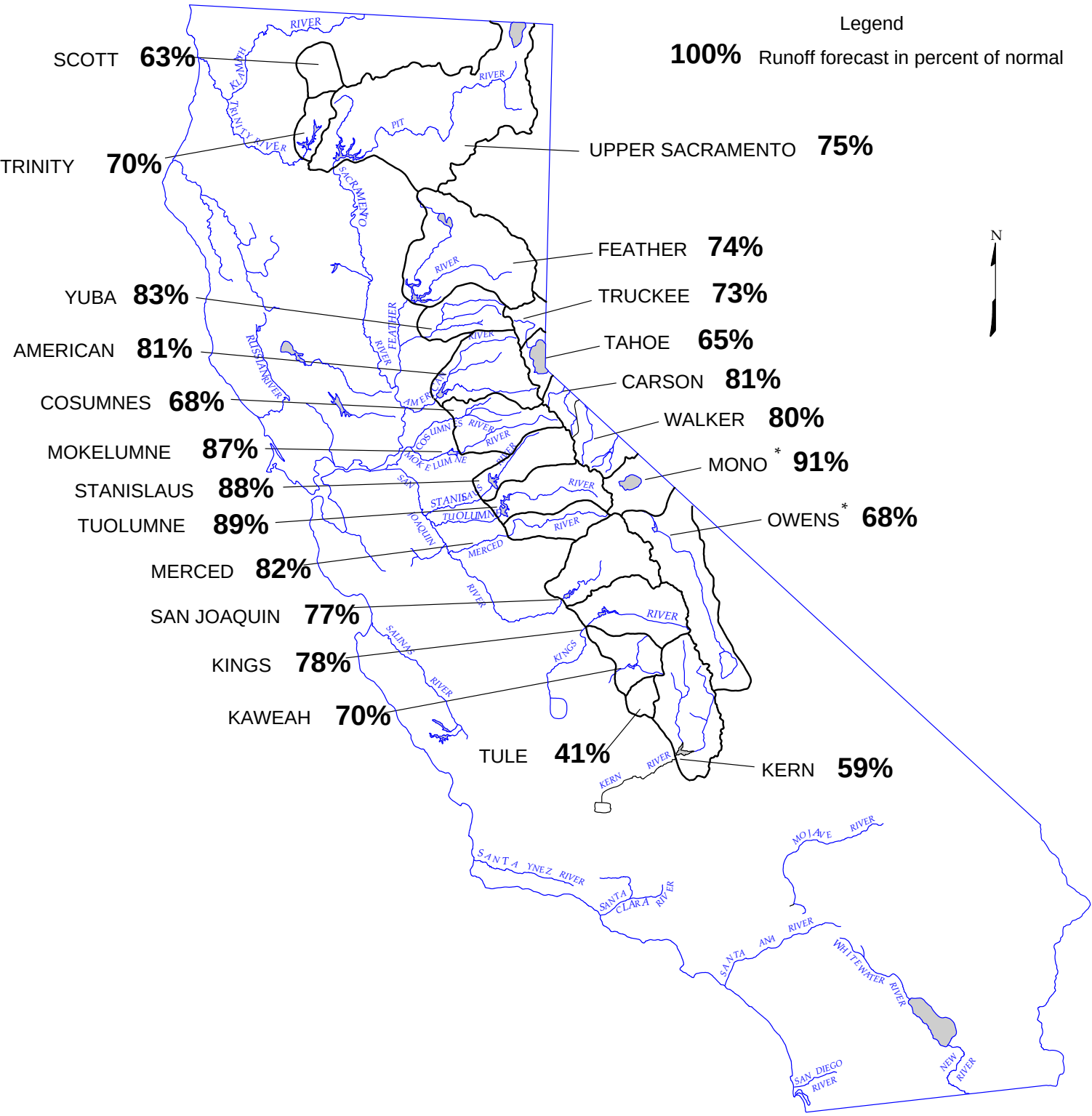
DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

FORECAST OF APRIL – JULY

UNIMPAIRED SNOWMELT RUNOFF

April 1, 2009



* FORECAST BY DEPARTMENT OF WATER AND POWER, CITY OF LOS ANGELES

APRIL 1, 2009 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
North Coast						
Trinity River at Lewiston Lake (10)	654	1,593	80	460	70%	330 - 690
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	298	711	39	220	74%	
McCloud River above Shasta Lake	392	850	185	330	84%	
Pit River near Montgomery Creek + Squaw Creek	1,066	2,098	480	770	72%	
Total Inflow to Shasta Lake	1,819	3,525	726	**1,360**	75%	1,020 - 2,160
Sacramento River above Bend Bridge, near Red Bluff	2,494	5,075	943	**1,870**	75%	1,370 - 2,720
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	250	75%	
North Fork at Pulga (3)	1,028	2,416	243	740	72%	
Middle Fork near Clio (4)	86	518	4	60	70%	
South Fork at Ponderosa Dam (3)	110	267	13	75	68%	
Feather River at Oroville	1,782	4,676	392	**1,320**	74%	940 - 2,010
Yuba River						
North Yuba below Goodyears Bar	279	647	51	230	82%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	90	80%	
South Yuba at Langs Crossing (3)	233	481	57	180	77%	
Yuba River near Smartsville plus Deer Creek	1,006	2,424	200	**830**	83%	560 - 1,230
American River						
North Fork at North Fork Dam (3)	262	716	43	190	73%	
Middle Fork near Auburn (3)	522	1,406	100	410	79%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	130	75%	
American River below Folsom Lake	1,240	3,074	229	**1,000**	81%	720 - 1,610
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	126	363	8	**85**	68%	45 - 170
Mokelumne River						
North Fork near West Point (5)	437	829	104	360	82%	
Total Inflow to Pardee Reservoir	461	1,065	102	**400**	87%	320 - 550
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	290	87%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	190	85%	
Stanislaus River below Goodwin Reservoir (7)	702	1,710	116	**620**	88%	500 - 870
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	280	89%	
Tuolumme River near Hetch Hetchy	604	1,392	153	550	91%	
Tuolumne River below La Grange Reservoir (A)	1,220	2,682	301	**1,080**	89%	890 - 1,470
Merced River						
Merced River at Pohono Bridge	372	888	80	310	83%	
Merced River below Merced Falls (9)	632	1,587	123	**520**	82%	420 - 760
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	810	79%	
Big Creek below Huntington Lake (8)	91	264	11	65	71%	
South Fork near Florence Lake (7)	201	511	58	160	80%	
San Joaquin River inflow to Millerton Lake	1,254	3,355	262	**960**	77%	760 - 1,300
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	180	75%	
Kings River below Pine Flat Reservoir	1,224	3,113	274	**950**	78%	790 - 1,250
Kaweah River below Terminus Reservoir	286	814	62	**200**	70%	140 - 310
Tule River below Lake Success	64	259	2	**26**	41%	12 - 61
Kern River						
Kern River near Kernville	384	1,203	83	240	63%	
Kern River inflow to Lake Isabella	461	1,657	84	**270**	59%	200 - 390

(1) See inside back cover for definition
(2) All 50 year averages are based on years 1956-2005 unless otherwise noted
(3) 50 year average based on years 1941-90
(4) 44 year average based on years 1936-79
(5) 36 year average based on years 1936-72
(6) 45 year average based on years 1936-81
(7) 50 year average based on years 1953-2002
(8) 50 year average based on years 1946-1995

APRIL 1, 2009 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF

Unimpaired Runoff in 1,000 Acre-Feet (1)

HISTORICAL			DISTRIBUTION									FORECAST			
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan*	Feb *	Mar *	Apr	May	Jun	Jul	Aug	Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)	
1398	2990	200	113	77	185	150	200	90	20	10	7	**852**	61%	717 -	1091
887	1,965	165													
1,217	2,353	557													
3,159	5,150	1,484													
6,107	10,796	2,479	915	665	1,040	500	390	260	210	190	190	**4,360**	71%	3,925 -	5,255
8,907	17,180	3,294	1,215	1,035	1,385	720	520	360	270	245	240	**5,990**	67%	5,355 -	6,990
780	1,269	366													
2,417	4,400	666													
219	637	24													
291	562	32													
4,620	9,492	994	475	475	775	560	450	200	110	85	75	**3,205**	69%	2,785 -	3,980
564	1,056	102													
181	292	30													
379	565	98													
2,373	4,926	369	205	230	380	320	350	130	30	15	15	**1,675**	71%	1,395 -	2,085
616	1,234	66													
1,070	2,575	144													
318	705	59													
2,719	6,382	349	185	240	455	390	420	160	30	10	5	**1,895**	70%	1,610 -	2,520
390	1,253	20	18	34	77	43	30	10	2	1	0	**215**	55%	170 -	305
626	1,009	197													
755	1,800	129	45	40	100	120	180	90	8	3	2	**588**	78%	500 -	740
471	929	88													
1,171	2,952	155	95	75	170	170	250	155	45	10	10	**980**	84%	850 -	1,240
461	1,147	123													
770	1,661	258													
1,951	4,631	383	200	115	230	240	415	325	100	30	20	**1,675**	86%	1,470 -	2,090
461	1,020	92													
1,007	2,787	150	85	60	105	120	220	140	40	15	5	**790**	78%	690 -	1,040
1,337	2,964	308													
112	298	14													
248	653	71													
1,836	4,642	362	155	80	140	180	365	305	110	40	20	**1,395**	76%	1,180 -	1,760
284	607	58													
1,721	4,287	386	130	65	110	200	380	280	90	30	10	**1,295**	75%	1,120 -	1,620
454	1,402	94	39	23	33	50	85	55	10	4	2	**301**	66%	230 -	420
148	615	16	10	9	11	12	9	4	1	0	0	**56**	38%	40 -	95
558	1,577	163													
730	2,318	175	70	25	40	70	95	75	30	15	10	**430**	59%	350 -	570

* Unimpaired runoff in prior months based on measured flows

(9) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.

(10) Cordinated Forecast by National Weather Service California-Nevada River Forecast Center and Department of Water Resources, State of California

APRIL 1, 2009 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

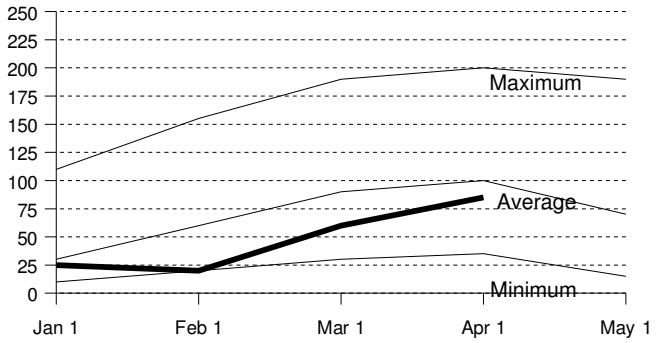
HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Scott River					
Scott River near Fort Jones (3)	200	400	30	**125**	63%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	939	149	**400**	78%
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	261	713	52	**190**	73%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	**0.9**	65%
Carson River					
West Fork Carson River at Woodfords	54	135	12	**41**	75%
East Fork Carson River near Gardnerville	187	407	43	**155**	83%
Walker River					
West Walker River below Little Walker, near Coleville	154	330	35	**130**	84%
East Walker River near Bridgeport	64	209	7	**45**	70%
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	**161**	68%

(1) See inside back cover for definition
(2) All 50 year averages are based on years 1956-2005 unless otherwise noted
(3) Forecast by National Weather Service California-Nevada River Forecast Center.
(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.
(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1951-2000.

NORTH COAST REGION

Snowpack Accumulation

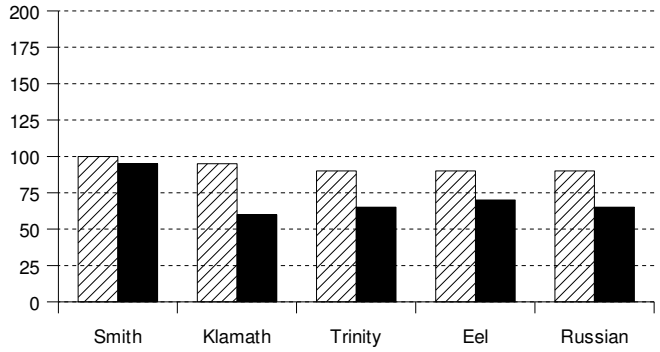
Water Content in % of April 1 Average



SNOWPACK- First of the month measurements made at 16 snow courses indicate an area wide snow water equivalent of 22.2 inches. This is 70 percent of the April 1 average. Last year at this time the pack was holding 32 inches of water.

Precipitation

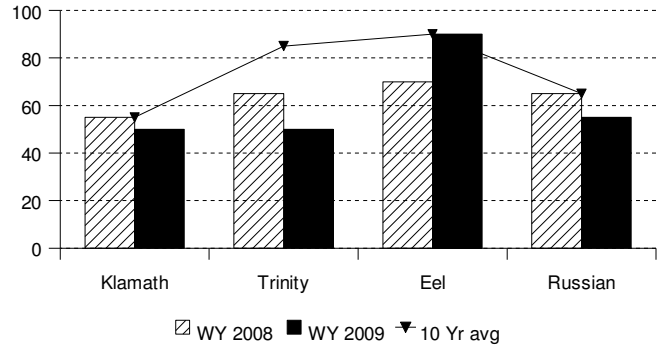
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 70 percent of normal. Precipitation last month was about 90 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

Reservoir Storage

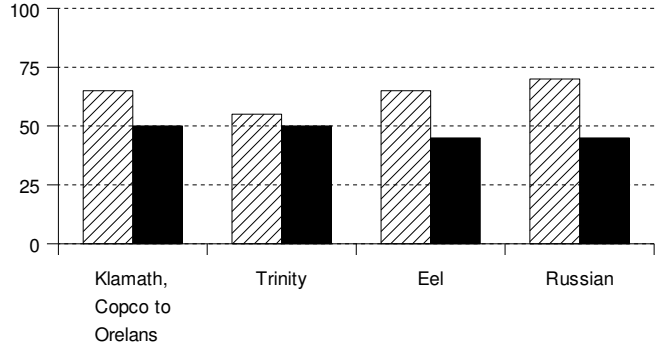
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 1.6 million acre-feet which is 65 percent of average. About 50 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

Runoff

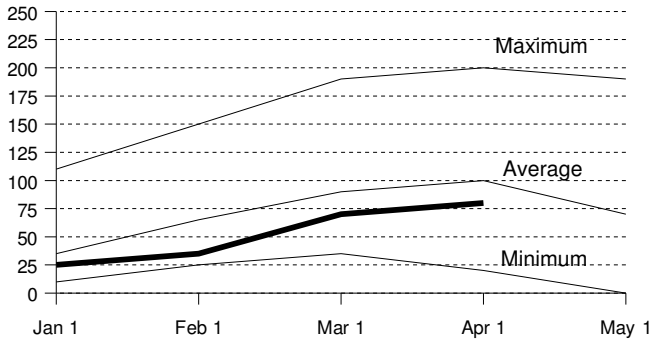
October 1 to date in % of average



RUNOFF -Seasonal runoff of streams draining the area totaled 4.5 million acre-feet which is 45 percent of the average for this period. Last year, runoff for the same period was 65 percent of average.

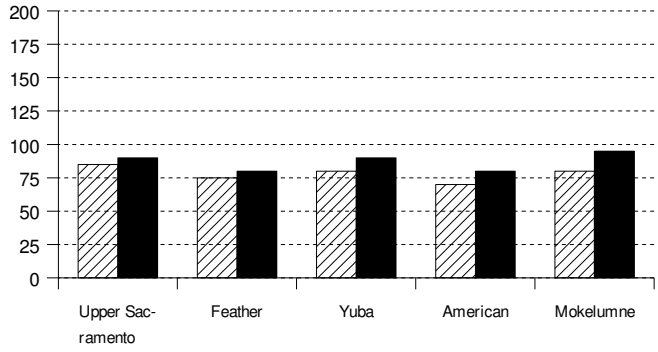
Snowpack Accumulation

Water Content in % of April 1 Average



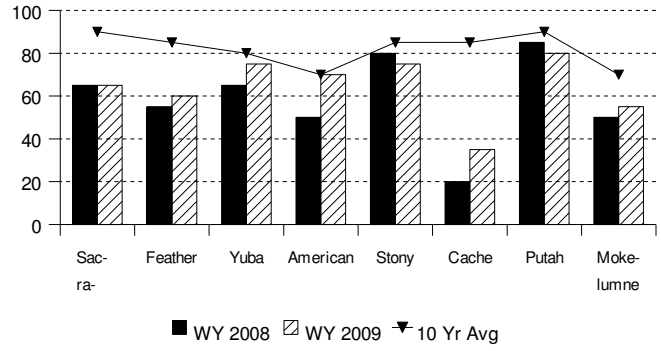
Precipitation

October 1 to date in % of Average



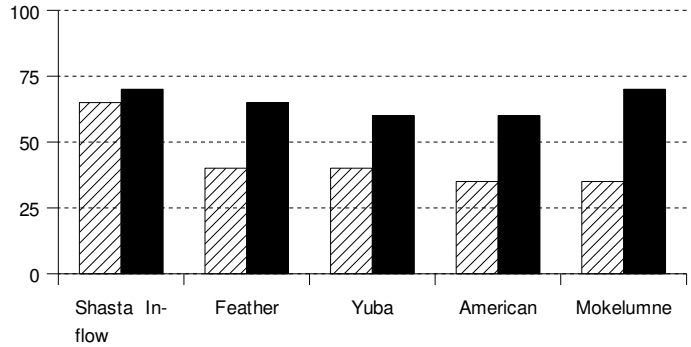
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SACRAMENTO RIVER REGION

SNOWPACK- First of the month measurements made at 78 snow courses indicate an area wide snow water equivalent of 25.6 inches. This is 80 percent of the April 1 average. Last year at this time the pack was holding 28.1 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 85 percent of normal. Precipitation last month was about 110 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal.

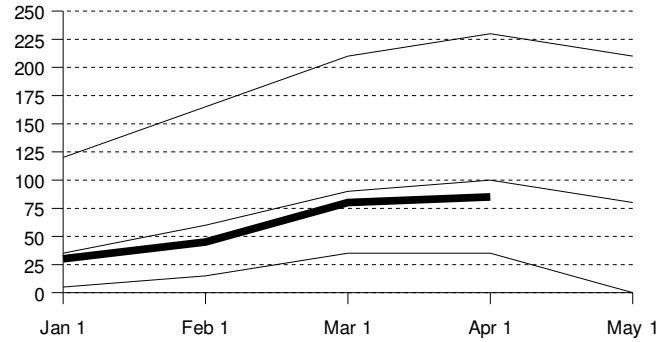
RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 10.5 million acre-feet which is 85 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average.

RUNOFF - Seasonal runoff of streams draining the are totaled 7.1 million acre-feet which is 65 percent of average for this period. Last year, runoff for the same period was 50 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 5.7 assuming median meteorological conditions for the remainder of the year. This classifies the year as "dry" in the Sacramento Valley according to the State Water Resources Control Board.

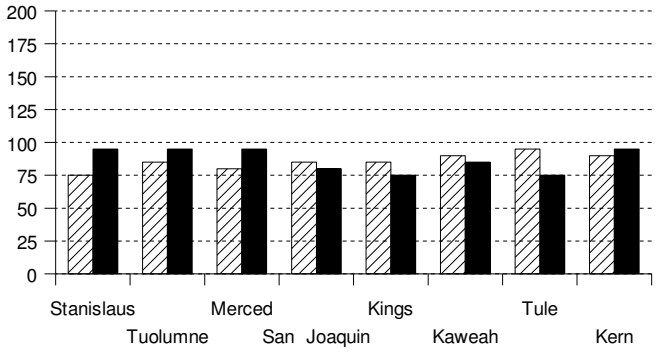
Snowpack Accumulation

Water Content in % of April 1 Average



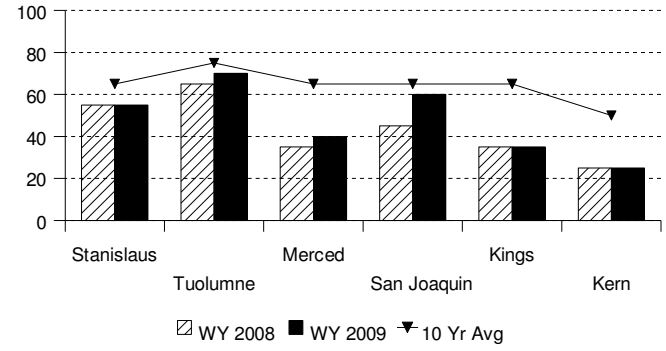
Precipitation

October 1 to date in % of Average



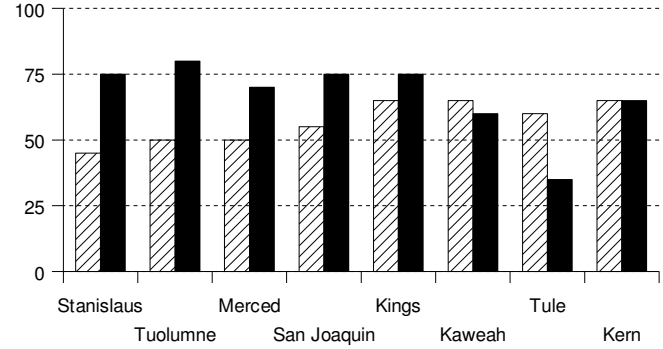
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

SNOWPACK- First of the month measurements made at 71 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 28.7 inches. This is 90 percent of the April 1 average. Last year at this time the pack was holding 30.2 inches of water. At the same time 43 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 19.5 inches which is 80 percent of the average for April 1. Last year at this time the basin was holding 27.2 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 90 percent of normal. Precipitation last month was about 85 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 80 percent of normal. Precipitation last month was about 55 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal.

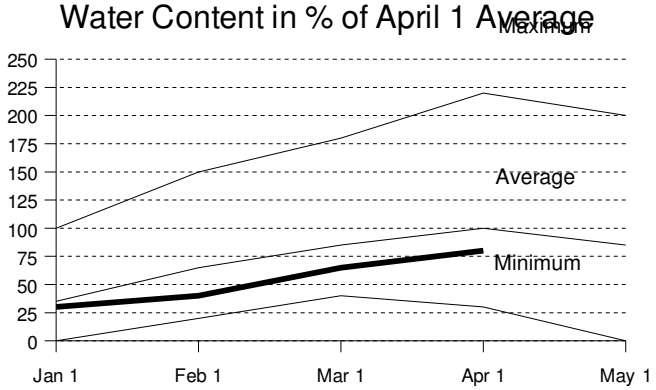
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 6.2 million acre-feet which is 85 percent of average. About 55 percent of available capacity was being used. Storage in these reservoirs at this time last year was 90 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 690 thousand acre-feet which is 75 percent of average and about 35 percent of available capacity. Storage in these reservoirs at this time last year was 70 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 1.8 million acre-feet which is 45 percent of average for this period. Last year, runoff for the same period was 75 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 564 thousand acre-feet which is 65 percent of average for this period. Last year runoff for this same period was 65 percent of average.

The **San Joaquin River Region 60-20-20 Water Supply Index** is forecast to be 2.4 assuming 75 percent exceedance meteorological conditions. This classifies the year as "dry" in the San Joaquin Region according to the State Water Resources Control Board.

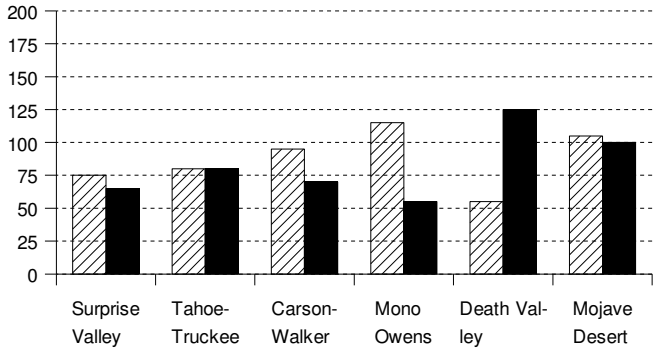
Snowpack Accumulation

Water Content in % of April 1 Average



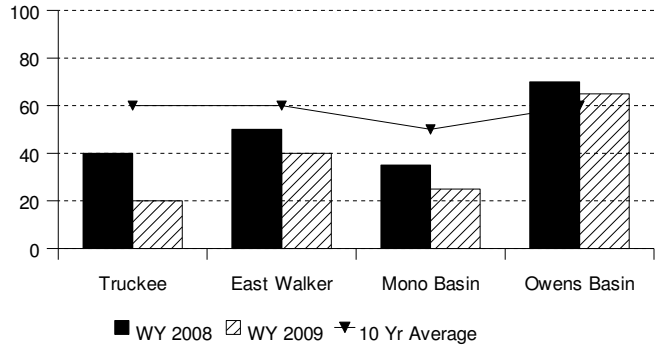
Precipitation

October 1 to date in % of Average



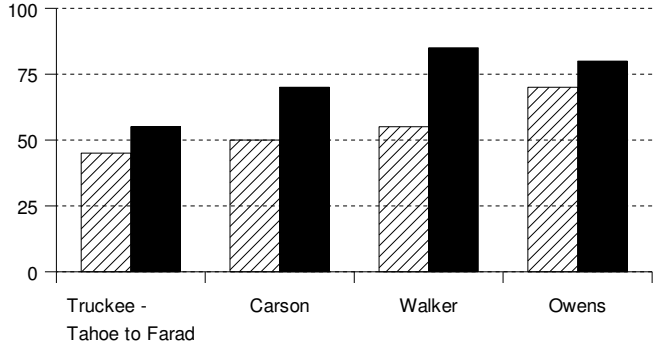
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH AND SOUTH LAHONTAN REGIONS

SNOWPACK- First of the month measurements made at 17 **North Lahontan snow** courses indicate an area wide snow water equivalent of 24.8 inches. This is 85 percent of the April 1 average. Last year at this time the pack was holding 25.3 inches of water. At the same time 21 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 17 inches which is 75 percent of the average for April 1. Last year at this time the basin was holding 21 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan** was 75 percent of normal. Precipitation last month was about 150 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal.

Seasonal precipitation on the **South Lahontan** was 95 percent of normal. Precipitation last month was 15 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal.

RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 216 thousand acre-feet which is 40 percent of average. About 20 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average. Lake Tahoe was .6 feet above its natural rim on April 1.

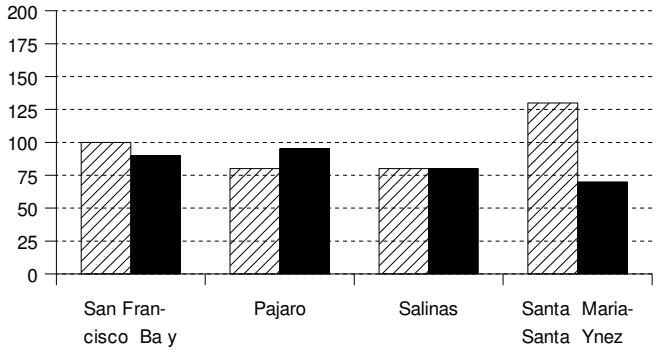
First of the month storage in 8 **South Lahontan** reservoirs was 253 thousand acre-feet which is 95 percent of average and about 65 percent of available capacity. Storage in these reservoirs at this time last year was 105 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 183 thousand acre-feet which is 65 percent of average for this period. Last year, runoff for the same period was 50 percent of average.

Seasonal runoff of the Owens River in the **South Lahontan** totaled 53 thousand acre-feet which is 80 percent of average for this period. Last year runoff for this same period was 70 percent of average.

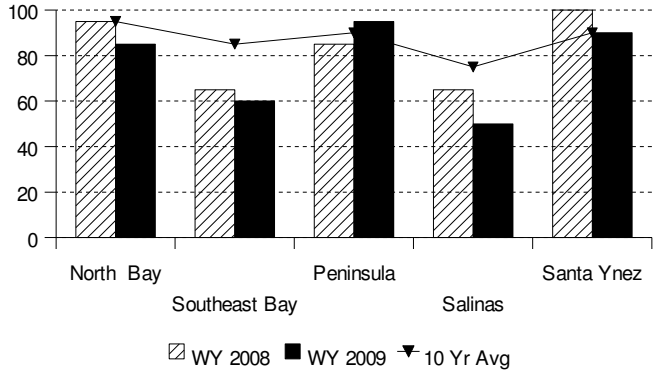
Precipitation

October 1 to date in % of Average



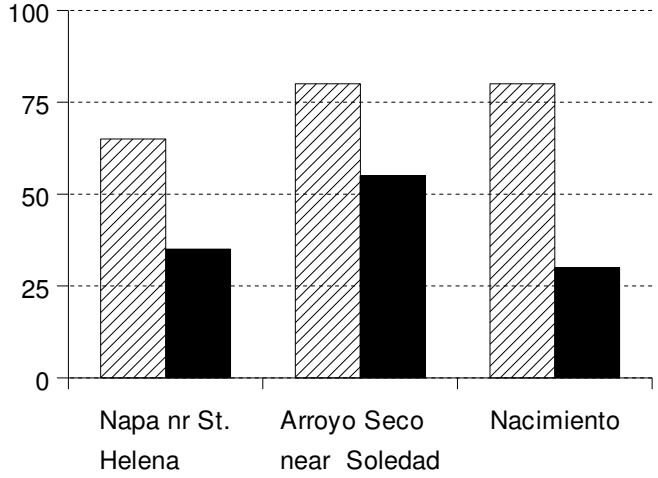
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 95 percent of normal. Precipitation last month was 100 percent of the monthly average. Seasonal precipitation at this time last year stood at 100 percent of normal.

Seasonal precipitation on the **Central Coast Region** was 80 percent of normal. Precipitation last month was about 55 percent of the monthly average. Seasonal precipitation at this time last year stood at 100 percent of normal.

RESERVOIR STORAGE- First of the month storage in 14 **San Francisco Bay Region** reservoirs was 380 thousand acre-feet which is 95 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average.

First of the month storage in 6 **Central Coast Region** reservoirs was 552 thousand acre-feet which is 80 percent of average and about 55 percent of available capacity. Storage in these reservoirs at this time last year was 100 percent of average.

RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 23 thousand acre-feet which is 35 percent of average for this period. Last year, runoff for the same period was 65 percent of average.

Seasonal runoff of streams draining the **Central Coast Region** totaled 107 thousand acre-feet which is 35 percent of average for this period. Last year runoff for this same period was 80 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through March (seasonal) precipitation on the **South Coast Region** is 70 percent of normal. March precipitation was 5 percent of the monthly average. Seasonal precipitation at this time last year was 90 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** is 90 percent of normal. March precipitation was less than 5 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of average.

RESERVOIR STORAGE – March 31 storage in 29 major **South Coast Region** reservoirs is 1.3 million acre-feet or 85 percent of average. About 65 percent of available capacity is being used. Storage in these reservoirs at this time last year was 95 percent of average.
On March 31 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 27.1 million acre-feet or about 65 percent of average. About 50 percent of available capacity was in use. Last year at this time, these reservoirs were storing 65 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 17 thousand acre-feet which is 45 percent of average. Seasonal runoff from these streams last year was 85 percent of average.

COLORADO RIVER - The April -July inflow to Lake Powell is forecast to be 7.2 million acre-feet, which is 90 percent of average. The April 1 snowpack in the Colorado River basin above Lake Powell is 100 percent, highest in the Yampa/ White at 115 percent and lowest in the Upper Fremont/Escalante at 75 percent.

STATE WATER PROJECT

On March 31, total storage in the major SWP reservoirs was about 3.16 MAF, compared with about 3.17 MAF at this time in 2008. End of month storage at Lake Oroville was about 1.98 MAF as compared to 1.68 MAF last year. The State's share of San Luis Reservoir storage was about 597 TAF, as compared to 917 TAF at this time last year. The combined storage in our southern reservoirs was about 581 TAF, compared with about 571 TAF at this time last year.

SWP water deliveries through March 2009 are estimated to be about 35 TAF, which is about 98 TAF more than the same period in 2008. This is a combination of project, transfer and exchange waters.

The State Water Project increased its allocation to 20% (about 833 TAF) in March due to the current water supply conditions.

MAJOR WATER DISTRIBUTION PROJECTS

RESERVOIR STORAGE

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	STORAGE AT END OF March 2008 1,000 AF	2009 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
STATE WATER PROJECT						
Lake Oroville	3,538	2,754	1,677	1,978	72%	56%
San Luis Reservoir (SWP)	1,062	991	917	597	60%	56%
Lake Del Valle	77	37	41	39	104%	50%
Lake Silverwood	73	67	72	71	106%	97%
Pyramid Lake	171	164	157	168	102%	98%
Castaic Lake	325	286	270	280	98%	86%
Perris Lake	132	118	72	62	52%	47%
CENTRAL VALLEY PROJECT						
Trinity Lake	2,448	1,960	1,593	1,194	61%	49%
Lake Shasta	4,552	3,736	2,991	2,881	77%	63%
Whiskeytown Lake	241	212	211	213	100%	88%
Folsom Lake	977	626	451	746	119%	76%
New Melones Reservoir	2,420	1,486	1,488	1,288	87%	53%
Millerton Lake	520	360	285	391	108%	75%
San Luis Reservoir (CVP)	971	883	774	409	46%	42%
COLORADO RIVER PROJECT						
Lake Mead	26,159	20,218	12,940	12,164	60%	47%
Lake Powell	24,322	18,197	10,800	12,774	70%	53%
Lake Mohave	1,810	1,679	1,618	1,655	99%	91%
Lake Havasu	619	557	551	556	100%	90%
EAST BAY MUNICIPAL UTILITY DISTRICT						
Pardee Res	198	182	180	178	98%	90%
Camanche Reservoir	417	260	211	202	78%	49%
East Bay (4 res.)	147	135	120	126	94%	86%
CITY AND COUNTY OF SAN FRANCISCO						
Hetch-Hetchy Reservoir	360	140	164	244	175%	68%
Cherry Lake	268	130	168	228	176%	85%
Lake Eleanor	26	12	9	24	204%	93%
South Bay/Peninsula (4 res.)	225	178	160	168	94%	75%
CITY OF LOS ANGELES (D.W.P.)						
Lake Crowley	183	129	138	123	96%	67%
Grant Lake	48	27	22	10	36%	21%
Other Aqueduct Storage (6 res.)	83	77	55	52	67%	62%

TELEMETERED SNOW WATER EQUIVALENTS

April 1, 2009

(AVERAGES BASED ON PERIOD RECORD)

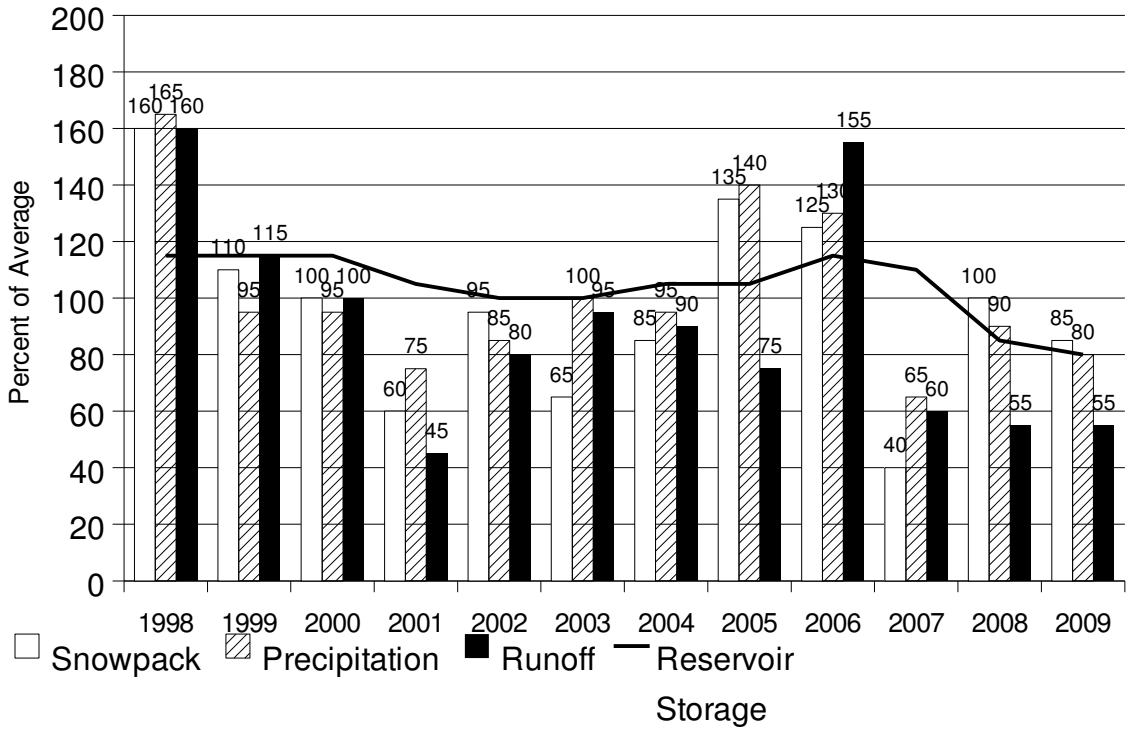
BASIN NAME			INCHES OF WATER EQUIVALENT			
		APRIL 1		PERCENT	24 HRS	1 WEEK
STATION NAME	ELEV	AVERAGE	Apr 1	OF AVERAGE	PREVIOUS	PREVIOUS
TRINITY RIVER						
Peterson Flat	7150’	29.2	20.6	70.7	20.8	21.7
Red Rock Mountain	6700’	39.6	40.2	101.4	40.1	43.8
Bonanza King	6450’	40.5	27.7	68.4	27.7	28.6
Shimmy Lake	6400’	40.3	35.5	88.2	36.6	38.9
Middle Boulder 3	6200’	28.3	22.8	80.7	23.1	26.9
Highland Lakes	6030’	29.9	27.1	90.7	28.3	30.0
Scott Mountain	5900’	16.0	17.9	111.9	18.0	20.2
Mumbo Basin	5650’	22.4	8.2	36.4	8.8	11.6
Big Flat	5100’	15.8	14.9	94.1	15.1	16.1
Crowder Flat	5100’	—	0.0	—	0.0	0.0
SACRAMENTO RIVER						
Cedar Pass	7100’	18.1	14.5	80.1	14.6	14.9
Blacks Mountain	7050’	12.7	11.8	92.5	12.0	12.6
Sand Flat	6750’	42.4	27.7	65.4	28.2	29.8
Medicine Lake	6700’	32.6	29.2	89.4	29.0	29.8
Adin Mountain	6200’	13.6	11.3	83.1	11.4	12.7
Snow Mountain	5950’	27.0	32.4	120.0	32.5	34.2
Slate Creek	5700’	29.0	28.5	98.1	28.8	32.3
Stouts Meadow	5400’	36.0	36.1	100.2	36.1	37.6
FEATHER RIVER						
Lower Lassen Peak	8250’	—	—	—	—	—
Kettle Rock	7300’	25.5	24.0	94.0	24.1	25.1
Grizzly Ridge	6900’	29.7	24.7	83.2	24.7	26.3
Pilot Peak	6800’	52.6	34.8	66.2	35.5	38.4
Gold Lake	6750’	36.5	38.1	104.4	38.1	37.9
Humbug	6500’	28.0	31.2	111.4	31.2	32.3
Harkness Flat	6200’	28.5	16.9	59.3	17.4	19.2
Rattlesnake	6100’	14.0	14.5	103.7	15.2	17.6
Bucks Lake	5750’	44.7	42.4	94.8	42.5	43.1
Four Trees	5150’	20.0	20.4	102.0	21.0	25.0
EEL RIVER						
Noel Spring	5100’	—	0.0	—	0.0	0.4
YUBA & AMERICAN RIVERS						
Lake Lois	8600’	39.5	—	—	—	—
Schneiders	8750’	34.5	39.5	114.6	39.0	42.5
Carson Pass	8353’	—	32.0	—	32.0	32.8
Caples Lake	8000’	30.9	12.1	39.3	12.9	15.0
Alpha	7600’	35.9	26.0	72.5	27.1	27.1
Meadow Lake	7200’	55.5	51.1	92.1	51.8	53.0
Silver Lake	7100’	22.7	23.0	101.1	23.2	25.7
Central Sierra Snow Lab	6900’	33.6	34.8	103.6	35.2	37.0
Huysink	6600’	42.6	29.5	69.3	29.6	30.4
Van Vleck	6700’	35.9	33.1	92.2	33.1	35.8
Robinson Cow Camp	6480’	—	—	—	—	—
Robbs Saddle	5900’	21.4	19.1	89.2	19.9	20.7
Greek Store	5600’	21.0	16.1	76.5	16.3	17.8
Blue Canyon	5280’	9.0	13.3	147.6	13.9	16.7
Robbs Powerhouse	5150’	5.2	11.0	211.0	11.4	13.5
MOKELUMNE & STANISLAUS RIVERS						
Deadman Creek	9250’	37.2	23.5	63.3	23.4	24.0
Highland Meadow	8700’	47.9	—	—	—	—
Gianelli Meadow	8400’	55.5	39.4	70.9	39.6	40.3
Lower Relief Valley	8100’	41.2	36.4	88.3	36.7	37.9
Blue Lakes	8000’	33.1	25.5	77.0	25.5	25.5
Mud Lake	7900’	44.9	43.6	97.1	43.8	44.9
Stanislaus Meadow	7750’	47.5	42.4	89.3	42.8	44.7
Bloods Creek	7200’	35.5	27.5	77.4	27.9	29.3
Black Springs	6500’	32.0	25.1	78.3	25.2	25.9
TUOLUMNE & MERCED RIVERS						
Tioga Pass Entrance	9945’	—	—	—	—	—
Dana Meadows	9800’	27.7	32.5	117.3	33.2	34.4
Slide Canyon	9200’	41.1	35.2	85.7	35.3	35.5
Lake Tenaya	8150’	33.1	26.4	79.6	26.6	27.7
Tuolumne Meadows	8600’	22.6	—	—	—	—
Horse Meadow	8400’	48.6	48.3	99.4	48.5	48.9
Ostrander Lake	8200’	34.8	—	—	—	—
White Wolf	7900’	—	25.7	—	25.9	27.7
Paradise Meadow	7650’	41.3	—	—	—	—
Gin Flat	7050’	34.2	21.8	63.7	21.9	22.5
Lower Kibbie Ridge	6700’	27.4	13.3	48.4	13.7	16.0

SAN JOAQUIN RIVER						
Volcanic Knob	10050’	30.1	—	—	—	—
Agnew Pass	9450’	32.3	27.6	85.3	27.9	28.9
Kaiser Point	9200’	37.8	—	—	—	20.6
Green Mountain	7900’	30.8	21.2	69.0	22.0	24.9
Devil’s Postpile	7569’	—	—	—	—	—
Tamarack Summit	7550’	30.5	18.7	61.3	19.2	21.9
Chilkoot Meadow	7150’	38.0	31.8	83.7	32.0	32.3
Huntington Lake	7000’	20.1	19.0	94.3	19.3	20.5
Graveyard Meadow	6900’	18.8	15.5	82.3	15.8	18.1
Poison Ridge	6900’	28.9	19.7	68.1	20.2	23.3
KINGS RIVER						
Bishop Pass	11200’	34.0	19.5	57.5	20.2	21.8
Charlotte Lake	10400’	27.5	24.1	87.6	24.6	26.8
State Lakes	10300’	29.0	25.5	87.9	25.5	26.0
Mitchell Meadow	9900’	32.9	27.7	84.2	27.8	29.1
Blackcap Basin	10300’	34.3	30.3	88.4	30.5	31.0
Upper Burnt Corral	9700’	34.6	27.1	78.4	27.2	28.7
West Woodchuck Meadow	9100’	32.8	20.5	62.5	21.2	22.8
Big Meadows	7600’	25.9	19.3	74.6	19.9	23.2
KAWEAH & TULE RIVERS						
Farewell Gap	9500’	34.5	30.2	87.5	30.5	32.2
Quaking Aspen	7200’	21.0	16.4	78.1	16.9	19.8
Giant Forest	6650’	10.0	—	—	—	—
KERN RIVER						
Upper Tyndall Creek	11400’	27.7	—	—	—	—
Crabtree Meadow	10700’	19.8	—	—	—	—
Chagoopa Plateau	10300’	21.8	—	—	—	—
Pascoes	9150’	24.9	25.6	102.8	25.9	26.6
Tunnel Guard Station	8900’	15.6	—	—	—	—
Wet Meadows	8950’	30.3	21.0	69.3	21.6	24.3
Casa Vieja Meadows	8300’	20.9	14.2	67.7	14.2	15.3
Beach Meadows	7650’	11.0	—	—	—	—
SURPRISE VALLEY AREA						
Dismal Swamp	7050’	29.2	25.8	88.4	25.8	25.5
TRUCKEE RIVER						
Independence Lake	8450’	41.4	39.0	94.2	38.9	38.9
Big Meadows	8700’	25.7	16.6	64.6	16.6	16.8
Squaw Valley	8200’	46.5	45.0	96.8	45.0	46.7
Independence Camp	7000’	21.8	10.8	49.5	11.0	11.8
Independence Creek	6500’	12.7	11.6	91.3	11.8	12.8
Truckee 2	6400’	14.3	11.3	79.0	11.5	12.3
LAKE TAHOE BASIN						
Mount Rose Ski Area	8900’	38.5	33.5	87.0	33.5	33.5
Heavenly Valley	8800’	28.1	18.6	66.2	18.7	19.4
Hagans Meadow	8000’	16.5	11.1	67.3	11.5	13.0
Marlette Lake	8000’	21.1	14.3	67.8	14.5	14.7
Echo Peak 5	7800’	39.5	33.9	85.8	34.3	36.0
Rubicon Peak 2	7500’	29.1	22.0	75.6	22.0	22.6
Tahoe City Cross	6750’	16.0	7.1	44.4	7.8	10.6
Ward Creek 3	6750’	39.4	31.8	80.7	32.0	34.1
Fallen Leaf Lake	6250’	7.0	0.0	0.0	0.0	2.3
CARSON RIVER						
Ebbetts Pass	8700’	38.8	32.5	83.8	32.6	32.4
Horse Meadow	8557’	—	16.8	—	17.1	18.1
Burnside Lake	8129’	—	20.9	—	21.2	21.8
Forestdale Creek	8017’	—	33.3	—	33.5	33.8
Poison Flat	7900’	16.2	12.6	77.8	13.0	15.5
Monitor Pass	8350’	—	12.8	—	12.9	13.4
Spratt Creek	6150’	4.5	0.0	0.0	0.0	0.1
WALKER RIVER						
Leavitt Lake	9600’	—	56.9	—	56.9	57.2
Summit Meadow	9313’	—	18.6	—	18.7	19.0
Virginia Lakes	9300’	20.3	14.2	70.0	14.2	14.4
Lobdell Lake	9200’	17.3	11.6	67.1	11.8	11.9
Sonora Pass Bridge	8750’	26.0	21.4	82.3	21.4	21.1
Leavitt Meadows	7200’	8.0	4.2	52.5	4.6	8.0
OWENS RIVER/MONO LAKE						
Gem Pass	10750’	31.7	33.6	106.0	33.4	33.0
Sawmill	10200’	19.4	11.8	60.8	11.8	11.8
Cottonwood Lakes	10150’	11.6	9.8	84.6	9.8	10.1
Big Pine Creek	9800’	17.9	13.2	74.0	13.4	14.4
South Lake	9600’	16.0	12.2	76.5	12.5	13.1
Mammoth Pass	9300’	42.4	32.1	75.8	32.1	32.0
Rock Creek Lakes	9700’	14.0	7.1	50.6	7.6	8.4

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE

AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Central Valley North	45%	70%	90%	100%	75%
Central Valley South	45%	65%	85%	100%	80%
North Coast	40%	60%	85%	100%	80%

April 1 Statewide Conditions



SNOWLINES

Remember this year's Western Snow Conference meeting is April 20-23 in Canmore, Alberta hosted by the North Continental Region. For further information regarding the Western Snow Conference contact Frank Gehrke at 916-574-2635 or gridley@water.ca.gov. Registration and program information is available on the web at .http://www.westernsnowconference.org/.

Depicted on this month's cover is a cabin on the shore of Mono Lake